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70 2000	Application	Serial Number	10/560,069
TPE 4	Filing Date		December 10, 2005
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FORM	Attorney Do	ocket No.	23558-007
	Patent No.		Not applicable
	Issue Date		Not applicable
·	ENCLOSURES (c	check all that apply)	
☐ Fee Transmittal Form ☐ Check Attached ☐ Copy of Fee ☐ Transmittal Form ☐ Amendment/Response ☐ Preliminary ☐ After Final ☐ Affidavits/declaration(s) ☐ Letter to Official ☐ Draftsperson ☐ including Drawings ☐ Total Sheets] ☐ Petition for Extension of ☐ Time (1/2/3 months) ☐ Information Disclosure ☐ Statement ☐ Form PTO-1449 ☐ Copies of IDS ☐ Citations	Parts of Application Formal Drawin Request For Context Examination (Interpretation of Interpretation	ontinued RCE) They Prior Powers) Italianer A Utility or Designation Italianent E table or computer	Request for Certificate of Correction Certificate of Correction (in duplicate) Notice of Appeal to Board of Patent Appeals and Interferences Appeal Brief (in triplicate) Status Inquiry Return Receipt Postcard Certificate of Facsimile Transmission under 37 C.F.R. 1.8 Additional Enclosure(s) (please identify below)
Certified Copy of Priority Document(s)	Amendment A	fter Allowance	
Sequence Listing submission Paper Copy/CD Computer Readable Copy Statement verifying identity of above		CYCINIA TRUTTOR TOY	
CORRESPONDENCE ADDRESS Direct all correspondence to: PATENT	ADMINISTRATOR	SIGNATURE BLO	Respectfully submitted,
Proskauer 1001 Penr Suite 400 Washingto Tel. No.: (Fax No.: (Rose LLP nsylvania Ave., N.W.	Date: November 6, Reg. No.: 40,244 Tel. No.: (202) 416- Fax No.: (202) 416-	Paul M. Booth Attorney for the Applicant(s)



Attorney Docket No.: 23558-007

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Stephen John Kent, et al.

Confirmation No.:

Appl. No.:

10/560,069

Examiner: Not Yet Assigned

Filing Date: December 10, 2005

Art Unit: Not Yet Assigned

Title:

IMMUNOMODULATING COMPOSITIONS, USES THEREFOR AND

PROCESSES FOR THEIR PRODUCTION

INFORMATION DISCLOSURE STATEMENT **UNDER 37 CFR §1.56 and 37 CFR §1.97**

Commissioner for Patents Customer Service Window, Mail Stop Amendment Randolph Building 401 Dulany Street Alexandria, VA 22314

Sir:

Listed on the attached Form PTO/SB/08A are documents known to applicants in order to comply with applicants' duty of disclosure pursuant to 37 CFR §1.56. Enclosed for the Examiner's convenience is a copy of the listed foreign documents, and the International Search Report. These materials are being submitted to comply with the provisions of 37 CFR §1.97-§1.98.

The citation of any document herewith, is not intended as an admission that such document constitutes prior art against the claims of the present application or is considered to be material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a prima facie prior art reference against the claims of the present application.

U.S. Serial No.: 10/560,069 Attorney Docket No.: 23558-007

CONCLUSION

Applicants respectfully request that the listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08A be returned in accordance with M.P.E.P. §609.

By.

Respectfully submitted,

Date: November 6, 2006

PROSKAUER ROSE LLP 1001 Pennsylvania Avenue, N.W. Suite 400 Washington, DC 20004

Telephone: (202) 416-6800 Facsimile: (202) 416-6899

CUSTOMER NO: 61263

Paul M. Booth

Attorney for Applicant Registration No. 40,244 Customer No. 61263

PTO/SB/08A (07-05)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/560,069	- · - · · - · · · · · · · · · · · · · · 			
Filing Date	December 10, 2005	· -			
First Named Inventor	Stephen John Kent				
Art Unit	Unassigned				
Examiner Name	Unassigned	•			
Attorney Docket Number	23558-007				

_ , _	U. S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (if known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
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	FORE	IGN PATENT DOCL	IMENTS		
Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T°
	WO 02/062375 A1	08-15-2002	Merck Patent GMBH		
	WO 01/40281 A2	06-07-2001	Thromb-X N.V.		
	WO 01/019408 A1	03-22-2001	Zycos Inc.		
	WO 01/16163 A2	03-08-2001	Euro-Diagnostica AB		
	WO 01/07625 A2	02-01-2001	Cornell Research		
	WO 94/03487	02-17-97	Jean-Francois ZAGURY		

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Signature			Considered	

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Attorney Docket Number	23558-007				

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	IVIIVI-UU-TTTT		Or Relevant Figures Appear	
		WO 02/36748 A2	05-10-2002	Nexell Therapeutics, Inc.		

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				Application Number	10/560,069	
•			CLOSURE	Filing Date	December 10, 2005	
STA	STATEMENT BY APPLICANT			First Named Inventor	Stephen John Kent	
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Sheet	3	of	4	Attorney Docket Number	23558-007	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Holden T. Maecker, et al., "Use of Overlapping Peptide MixturesCytometry", Journal of Immunological Methods, 2001, pp. 27-40, Vol. 255, Elsevier Science B.V	
		Anthony HC. Choi, et al., "Functional Mapping of Protective EpitopesDifferent Haplotypes", Vaccine, 2003, pp. 761-767, Vol. 21, Elsevier Science B.V	
		Vishwa Deo Trivedi, et al., "The LLSGIV stretch of the N-terminalPeptide, T20", Protein Engineering, 2003, pp. 311-317, Vol. 16, No. 4, Oxford University Press	
		Birgit Drabner, et al., "Identification of T helper cell-recognizedfilarial nematode Onchocerca volvulus", Vaccine, 2002, pp. 3685-3694, Vol. 20, Elsevier Science Ltd.	
		Vesna Blazevic, et al., "Helper T-Cell Recognition of HIV-1 Tat Synthetic Peptides", Journal of Acquired Immune Deficiency Syndrome, 1993, pp. 881-890, Raven Press, New York	
		J. Marttila, et al., "Definition of three minimal T helper cell epitopes of rubella virus E1 glycoprotein", Clin Exp Immunol, 1996, pp. 394-397, Vol. 104, Blackwell Science	
		Carel A. van Baalen, et al., "Fine-specificity of cytotoxic T lymphocytes which immunodeficiency virus type 1", Journal of General Virology, 1996, pp. 1659-1665, Vol. 77	
		Adriana Albini, et al., "Identification of a Novel Domain of HIV Tat involved in Monocyte Chemotaxis*", The Journal of Biological Chemistry, 1998, pp. 15895-15900, Vol. 273	
		Peggy A. Wentworth, et al., "Epitopes recognized by HIV-SF2 nef-specificHIV-1-uninfected donors", Vaccine, 1994, pp. 117-128, Vol. 12, Butterworth-Heinemann Ltd.	
		S.M. Lonning, et al., "Gag Protein Epitopes RecognizedCarrier Horses", Journal of Virology, 1999, pp. 4257-4265, Vol. 73, No. 5, American Society for Microbiology	

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Examiner	Date	
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Sheet 4 of 4	Attorney Docket Number	23558-007		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	,	
		Carel A. van Baalen, et al., "Selective in vitro expansion of HLAand precursor frequencies", AIDS, 1993, pp. 781-786, Vol. 7, No. 6, Current Science Ltd. ISSN 0269-9370.	
		Petra A. M. Warmerdam, et al., "Elimination of a Human T-celland Computer Modeling", Thromb Haemost, 2002, pp. 666-673, Vol. 87, 2002 Schattauer GmbH, Stuttgart.	
		Ivan Stratov, et al., "Vaccines and VCaccine Strategies Against HIV", Current Drug Targets, 2004, pp. 71-88, Vol. 5, 2004 Bentham Science Publishers Ltd	
		Bradley H. Edwards, et al., "Magnitude of Functional CD8+Viral Load in Plasma", Journal of Virology, 2002, pp. 2298-2305, Vol. 76, No. 5, American Society for Microbiology.	
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